

Custer and Pennington  
Counties, Black Hills Parts,  
South Dakota  
Acreage and Proportionate Extent of the Soils

Map symbol	Soil name	Acres	Percent
ApA	Arvada variant loam, 0 to 2 percent slopes-----	360	*
AsA	Arvada-slickspots complex, 0 to 3 percent slopes-----	1,890	0.2
BdA	Barnum very fine sandy loam, 0 to 3 percent slopes-----	2,720	0.2
BeB	Barnum-winetti complex, 0 to 6 percent slopes-----	5,730	0.5
BrA	Bullflat silt loam, 0 to 3 percent slopes-----	1,540	0.1
BrB	Bullflat silt loam, 3 to 6 percent slopes-----	7,170	0.6
BsB	Bullflat-cordeston silt loams, 2 to 9 percent slopes-----	16,350	1.4
BtE	Buska-mocmont-rock outcrop complex, 10 to 40 percent slopes-----	33,780	2.9
BuE	Buska-rock outcrop complex, 10 to 40 percent slopes-----	44,200	3.8
BvC	Buska-virkula loams, 2 to 15 percent slopes-----	21,840	1.9
BwE	Butche-rock outcrop complex, 9 to 60 percent slopes-----	12,850	1.1
CcE	Canyon-bridget complex, 9 to 25 percent slopes-----	1,680	0.1
CdF	Canyon-rock outcrop complex, 15 to 60 percent slopes-----	20,950	1.8
CkC	Citadel-vanocker complex, 2 to 12 percent slopes-----	5,730	0.5
CoA	Colombo loam, channeled, 0 to 4 percent slopes-----	1,460	0.1
CpA	Colombo-urban land complex, 0 to 2 percent slopes-----	790	*
CvB	Cordeston loam, 2 to 10 percent slopes-----	8,190	0.7
CwB	Cordeston-marshbrook loams, 0 to 6 percent slopes-----	10,710	0.9
CxC	Cordeston-winetti complex, 2 to 9 percent slopes-----	4,390	0.4
DgB	Demar-grummit-slickspots complex, 0 to 6 percent slopes-----	1,200	0.1
GbA	Glenberg fine sandy loam, 0 to 4 percent slopes-----	850	*
GrD	Grummit-rock outcrop complex, 6 to 15 percent slopes-----	2,130	0.2
GrF	Grummit-rock outcrop complex, 15 to 60 percent slopes-----	1,790	0.2
GuC	Gurney-butche complex, 2 to 9 percent slopes-----	3,550	0.3
GvD	Gypnevee-rekop-rock outcrop complex, 6 to 15 percent slopes-----	15,610	1.3
GyD	Gypnevee-rock outcrop-urban land complex, 9 to 25 percent slopes-----	1,260	0.1
HaA	Haverson loam, 0 to 2 percent slopes-----	1,200	0.1
HeE	Heely channery loam, 9 to 30 percent slopes-----	10,570	0.9
HfC	Heely-cordeston complex, 6 to 15 percent slopes-----	9,490	0.8
HgB	Hilger cobbly loam, 0 to 6 percent slopes-----	5,450	0.5
HgD	Hilger cobbly loam, 6 to 40 percent slopes-----	10,100	0.9
HmE	Hilger-metre complex, 10 to 40 percent slopes-----	4,240	0.4
HnB	Hilger-urban land complex, 0 to 6 percent slopes-----	320	*
HoD	Hilger-virkula complex, 2 to 30 percent slopes-----	3,333	0.3
HtG	Hopdraw-sawdust-rock outcrop complex, 40 to 80 percent slopes-----	32,420	2.8
JhD	Judy-heath-paunsaugunt variant complex, 2 to 25 percent slopes-----	5,190	0.4
M-W	Miscellaneous water-----	29	*
MhA	Marshbrook loam, 0 to 3 percent slopes-----	820	*
MnC	Metre-norrest complex, 2 to 9 percent slopes-----	7,900	0.7
MsC	Mocmont gravelly loam, 2 to 12 percent slopes-----	1,610	0.1
MtE	Mocmont-rock outcrop complex, 10 to 40 percent slopes-----	21,270	1.8
NaC	Nevee channery loam, 6 to 15 percent slopes-----	1,480	0.1
NbC	Nevee silt loam, 2 to 9 percent slopes-----	9,740	0.8
NcE	Nevee-gullied land complex, 6 to 40 percent slopes-----	4,320	0.4
NfE	Nihill-zigweid complex, 15 to 50 percent slopes-----	4,930	0.4
NnE	Norrest-fairburn-metre complex, 9 to 40 percent slopes-----	15,880	1.4
Or	Orthents, loamy-----	11	*
PaE	Pactola-virkula-rock outcrop complex, 10 to 40 percent slopes-----	124,690	10.7
PbD	Paunsaugunt-gurney complex, 2 to 15 percent slopes-----	43,110	3.7
PcD	Paunsaugunt-rock outcrop complex, 6 to 30 percent slopes-----	29,430	2.5
PgC	Pierre-grummit clays, 2 to 9 percent slopes-----	1,410	0.1
Pt	Pits, quarries-----	1,650	0.1
ReC	Redbird-heath silt loams, 2 to 9 percent slopes-----	6,870	0.6
RfE	Rekop-gypnevee-rock outcrop complex, 15 to 40 percent slopes-----	12,200	1.0
RgG	Rock outcrop-buska complex, 40 to 80 percent slopes-----	8,830	0.8
RhD	Rock outcrop-butche complex, 2 to 25 percent slopes-----	5,560	0.5
RkG	Rock outcrop-mocmont complex, 40 to 80 percent slopes-----	30,700	2.6
RlG	Rock outcrop-pactola complex, 40 to 80 percent slopes-----	79,540	6.8
RmG	Rock outcrop-rekop complex, 40 to 80 percent slopes-----	3,280	0.3
RnG	Rock outcrop-sawdust complex, 40 to 80 percent slopes-----	10,990	0.9
RpC	Rockoa-lakoa complex, 3 to 12 percent slopes-----	620	*
RrE	Rockoa-lakoa-rock outcrop complex, 10 to 40 percent slopes-----	4,780	0.4
RsF	Rockoa-rock outcrop complex, 25 to 60 percent slopes-----	16,060	1.4
RtD	Rockoa-satanta complex, 6 to 30 percent slopes-----	2,580	0.2
SeB	Satanta loam, 2 to 6 percent slopes-----	3,800	0.3
SfB	Satanta-arvada complex, 2 to 6 percent slopes-----	840	*
ShD	Satanta-canyon loams, 6 to 15 percent slopes-----	6,560	0.6

See footnote at end of table.

Table A.--Acreage and Proportionate Extent of the Soils--Continued

Map symbol	Soil name	Acres	Percent
SpE	Sawdust-hopdraw-paunsaugunt complex, 10 to 40 percent slopes-----	23,720	2.0
SrE	Sawdust-vanocker-paunsaugunt complex, 10 to 40 percent slopes-----	81,500	7.0
SwE	Shirrtail channery loam, 10 to 40 percent slopes-----	6,670	0.6
SxaE	Spearfish-nevee silt loams, 9 to 30 percent slopes-----	4,000	0.3
SxbF	Spearfish-rock outcrop complex, 25 to 60 percent slopes-----	2,060	0.2
SyaC	Stovho silt loam, 2 to 15 percent slopes-----	4,540	0.4
SybC	Stovho-lail-trebor complex, 2 to 12 percent slopes-----	37,270	3.2
SycE	Stovho-trebor complex, 10 to 40 percent slopes-----	86,426	7.4
TfA	Tilford silt loam, 0 to 2 percent slopes-----	620	*
TfB	Tilford silt loam, 2 to 6 percent slopes-----	6,300	0.5
TfC	Tilford silt loam, 6 to 15 percent slopes-----	1,950	0.2
TpC	Tilford-paunsaugunt complex, 6 to 9 percent slopes-----	3,280	0.3
TrB	Tilford-urban land complex, 0 to 9 percent slopes-----	1,220	0.1
TuG	Trebor-rock outcrop complex, 40 to 80 percent slopes-----	12,490	1.1
VcE	Vanocker-citadel complex, 10 to 40 percent slopes-----	34,330	2.9
VkE	Vanocker-lakoa complex, 10 to 40 percent slopes-----	28,170	2.4
VnC	Vanocker-paunsaugunt complex, 2 to 15 percent slopes-----	9,110	0.8
VoG	Vanocker-sawdust-rock outcrop complex, 40 to 80 percent slopes-----	28,010	2.4
VpC	Virkula-pactola complex, 2 to 15 percent slopes-----	8,450	0.7
W	Water-----	2,011	0.2
WtB	Winetti cobbly loam, 2 to 10 percent slopes-----	3,980	0.3
ZcC	Zigweid-canyon complex, 2 to 15 percent slopes-----	3,960	0.3
ZnD	Zigweid-nihill complex, 6 to 15 percent slopes-----	4,450	0.4
	Total-----	1,167,040	100.0

\* Less than 0.1 percent.

